

# PLACEMENT BROCHURE

# 20<sup>24</sup><sub>25</sub>



INDIAN INSTITUTE OF INFORMATION  
TECHNOLOGY GUWAHATI



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# Message From Director's Desk

It is my pleasure to invite all organizations to visit IIIT Guwahati (IIITG) in this placement season AY 2024-25. In this age of new normal you can choose to be part of the activity either in normal mode or in new normal (virtual) mode. We are one of the twenty IIITs set up by the Govt. of India in PPP mode in partnership with the state government and corporates. We are recognized as an Institute of National Importance through the August 2017 IIIT-PPP Act of Parliament. IIITG partners include the Governments of India, Government of Assam and private partners through TCS, Srei Infrastructure Finance, Oil India, and Amtron.

Over these 10 years of our establishment, we have been able to create a teaching and research environment as good as the best in the country. Our syllabi has strong IT components and meets worldwide trends. The institute boasts of 53 strong faculty members. 100% of our faculty members possess PhD and alumni from IITs, other leading Institutions of the country, and from Universities abroad. The strong PhD programme with 78 full time scholars, and 40 part-time scholars provides ample research opportunity to the teaching community. The online M.Tech programmes for executives, in CSE, Communications and Signal Processing provides rich experience to industry requirements. IIITG has been persistently maintaining its merit in the NIRF ranking since 2020. We have built a world class institution, with a mission to boost development of the ICT industry in north East Indian, particularly in Guwahati. Being located next to the upcoming IT Park in Guwahati close to the airport we stand at a major advantage for this development.

Considering the quality of students admitted, the teaching they receive, the strong coding culture, I am confident that our graduates will live up to the expectations of any organisation in India or abroad. Undoubtedly, they will be assets to your organization for years to come. I am confident of their contribution to the Indian economy for years to come.

I once again invite you to visit our campus with a placement programme.

Thank you for your support.



**Prof. Sarat Kumar Patra**  
Director, IIIT Guwahati

# Words From Placement Incharge

As the Placement In-Charge at IIIT Guwahati, it is my honour to extend an invitation to all organizations to engage with our dynamic and talented students during this year's campus placement season.

At IIIT Guwahati, we cultivate a culture of excellence, innovation, and resilience. Our students are not only equipped with the latest technical skills but also embody the spirit of continuous learning and adaptation. They have been trained by some of the best minds in the country and are ready to take on the challenges of the ever-evolving tech industry.

Our institution, recognized as an Institute of National Importance, collaborates with leading industry partners to ensure our curriculum is aligned with global standards and industry needs. This blend of academic rigor and practical exposure prepares our students to excel in any professional setting.

We are confident that our students will bring fresh perspectives, unwavering dedication, and a strong work ethic to your organization. By participating in our placement drive, you are not just recruiting employees but investing in the tech world's future leaders.

Join us in this journey of growth and innovation. We look forward to your esteemed presence and partnership in shaping the careers of these bright young minds. Together, let us create a future of limitless possibilities.



**Dr. Rakesh Biswas**

Placement Incharge  
Assistant Professor (ECE)



# About IIIT Guwahati

Indian Institute of Information Technology Guwahati (IIITG) is an institution of National Importance under an Act of Parliament (THE INDIAN INSTITUTES OF INFORMATION TECHNOLOGY (PUBLIC-PRIVATE PARTNERSHIP) ACT, 2017). It offers B.Tech. courses in Electronics and Communication Engineering (ECE) and Computer Science Engineering (CSE), and runs PhD programmes in ECE, CSE, Mathematics, and Humanities and Social Sciences (HSS). M.Tech. programmes in CSE and ECE have started from July 2018. IIITG started operations in August 2013 with B.Tech programmes in CSE and ECE. The first batch of B.Tech. students completed their programme in May 2017. The first convocation of the Institute was held on May 15 2018. IIITG strives to be attentive to academic needs of every student. Classes are conveniently scheduled between 9 A.M. to 5 P. M. Every class room is air-conditioned and has projection facilities. An Institute-wide WiFi system provides Internet access throughout the institute. The Institute shifted to its campus on July 2nd, 2018. The campus is located on a 67 acre plot, 4 km from Guwahati airport, on the National Highway. There is a 500 seater Boys Hostels and a 100 seater Girls' hostel. There are 48 flats for faculty. A 9200 sqm Academic-cum Administration building houses all the Institute's activities. Besides these buildings, there is a treated water supply system, an electric substation with backup generators, and a decentralized sewage disposal system. Mr. Satyabrata Dey, Chairperson, and Managing Director, Sreeleathers Ltd, Kolkata is the Chairman of Board of Governors.

## NIRF Rankings

2020	66
2021	73
2022	112
2023	151 - 200

# Facilities at IIITG

IIIT Guwahati offers state-of-the-art facilities to enhance the learning environment for its students:

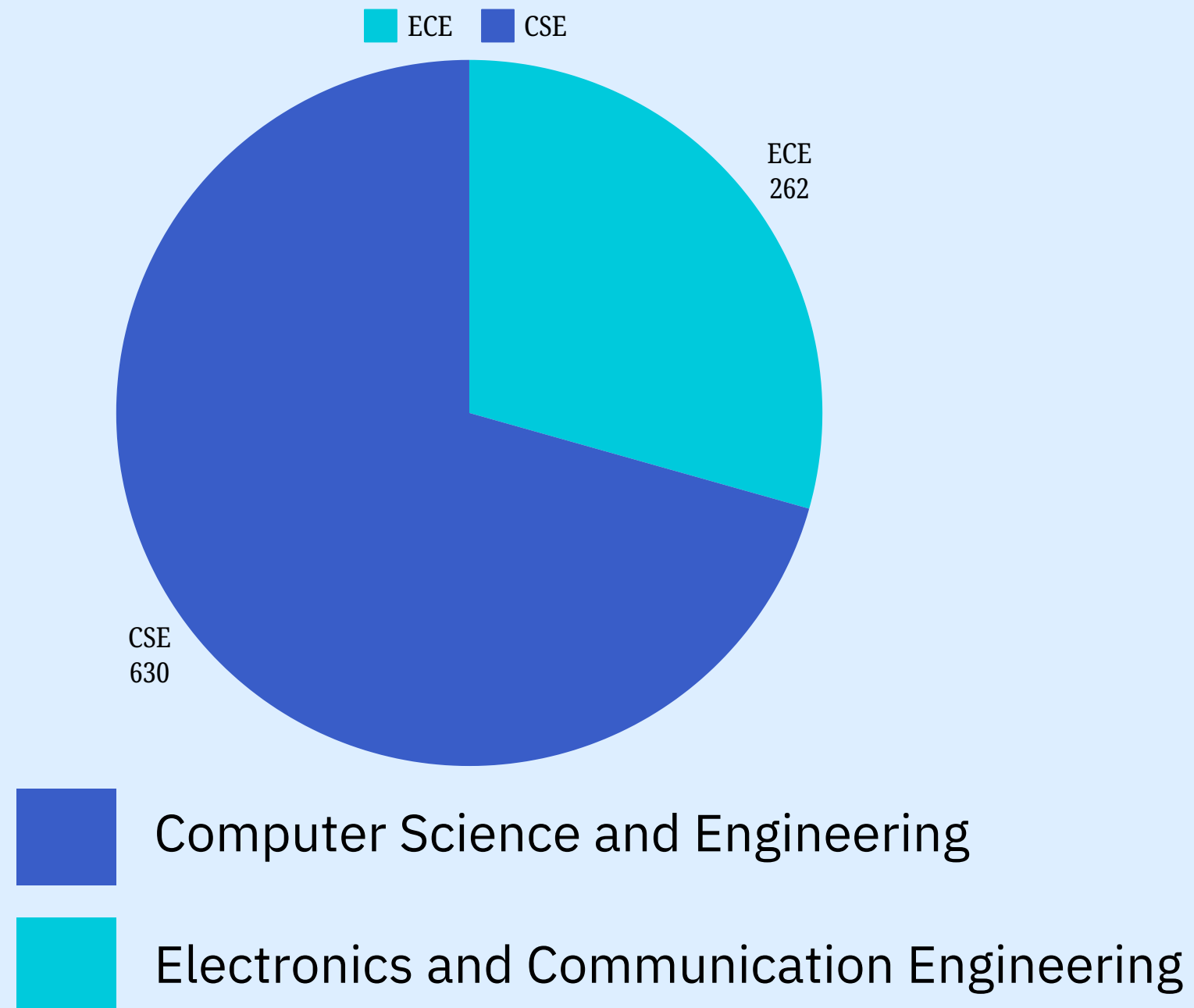
- **National Knowledge Network:** 1 Gbps high-speed internet for students and faculty.
- **GPU Servers:** NVIDIA A100 Tensor Core GPU and NVIDIA V100 Tensor Core GPU.
- **Library:** Predominantly online, with subscriptions to IEEE, ACM, JSTOR, and a growing collection of e-books.
- **Intranet:** A comprehensive portal with MOODLE for managing academic activities and facilitating information transfer.
- **CSE Lab:** Spacious lab for up to 150 students, equipped with general and HPC servers for course and research needs.
- **ECE Lab:** Modern, air-conditioned labs for Communication Engineering, VLSI, Embedded Systems, Microwave Engineering, Antennas, and Analog/Digital Electronics.
- **Lecture Halls and Galleries:** Equipped with audiovisual aids, suitable for meetings, conferences, and other events.
- **SAC (Student Activity Centre):** The SAC at IIIT Guwahati supports a healthy and balanced lifestyle with Yoga Room, Badminton Court, Music Room, Gym and Drama Room.



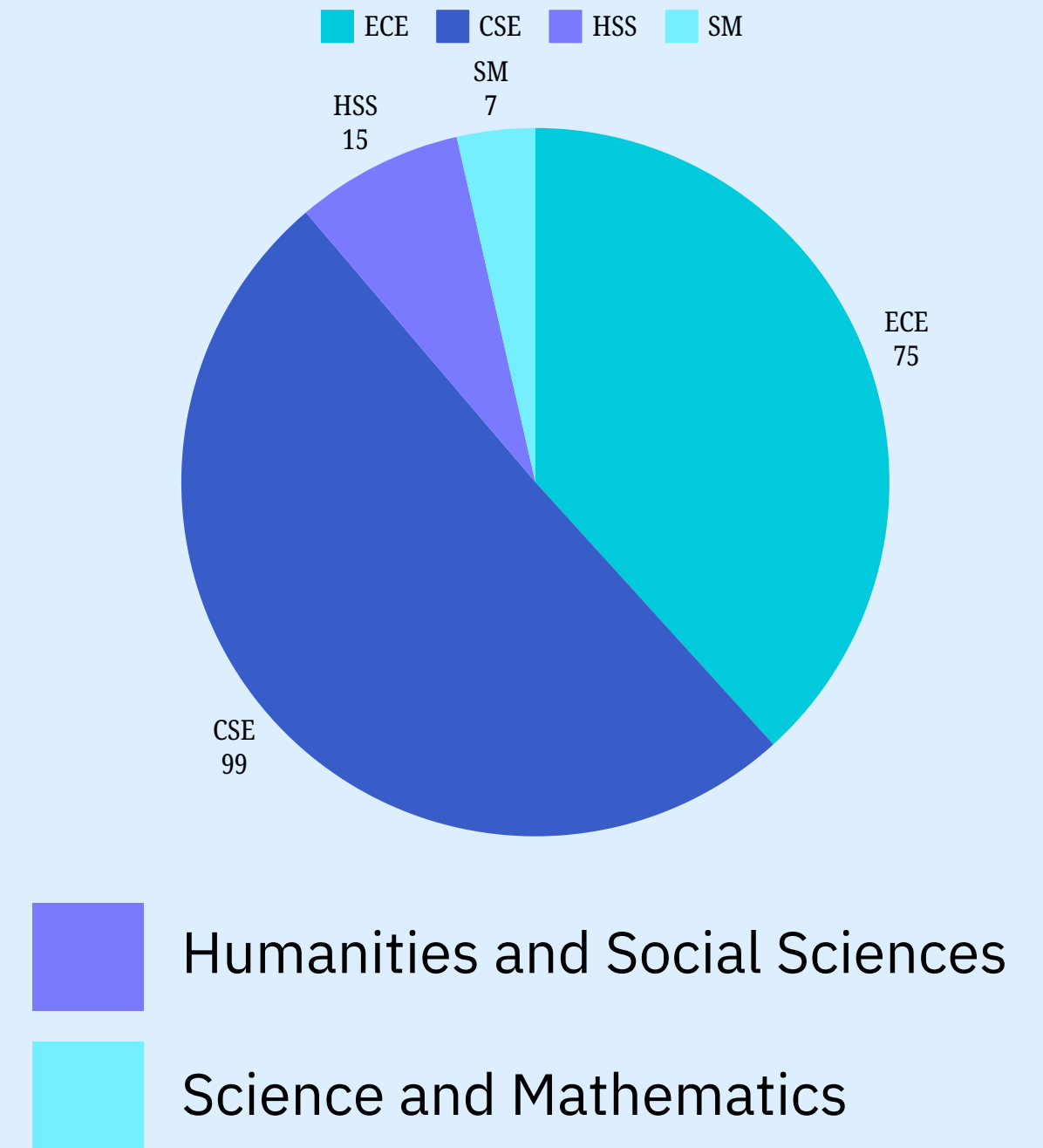


# Demographics

## Undergraduates



## Post Graduates



# Academic Programs

## **B.Tech (4 Yr. Courses)**

CSE : Computer Science and Engineering

ECE : Electronics and Communication Engineering

## **M.Tech (2 Yr. Courses)**

CSE : Computer Science and Engineering

ECE : Electronics and Communication Engineering

*ECE (Communication and Signal Processing)*

*ECE (VLSI and Embedded System)*

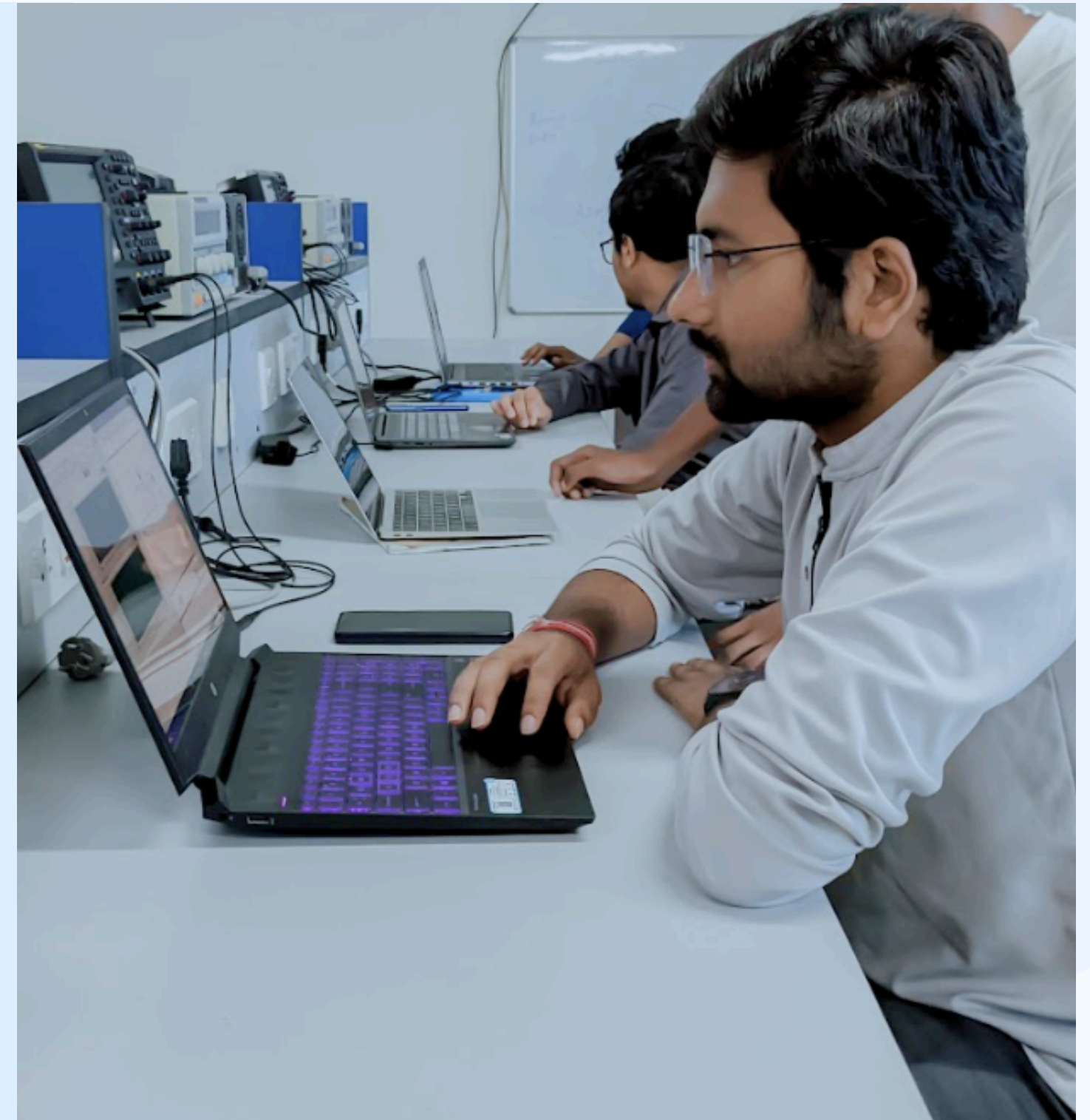
## **PhD Programmes**

CSE : Computer Science and Engineering

ECE : Electronics and Communication Engineering

HSS : Humanities and Social Sciences

SM : Science and Mathematics





# CSE Department

Since its establishment in 2013, the Computer Science and Engineering (CSE) department at IIIT Guwahati has thrived. Our dedicated team of professors and enthusiastic students excel in various CSE domains such as Data Structures & Algorithms, Internet of Things, Computer Architecture, High-Performance Computing, Artificial Intelligence, Computer Security, Image and Video Processing, Cloud Computing, and System and Networking.

Our comprehensive curriculum offers a wide array of courses designed to equip students for the competitive landscape of today. We focus on practical learning and provide an environment that fosters innovation, critical thinking, and rigorous research and development.



# CSE Courses Offered

## **BTech Major Courses**

Computer Programming

**Data Structures**

**Algorithms**

Computer Organization

**Artificial Intelligence**

**Cloud Computing**

Operating Systems

**Database Management Systems**

*Research Project works or Electives*

Theory of Computation

**Data Analytics**

**Computer Networks**

Software Engineering

**Object Oriented Programming**

**Machine Learning**

Compilers

**Computer Security**

## **MTech Major Courses**

**Data Structures and Algorithms**

Topics in Database Management Systems

**Artificial Intelligence**

Foundations of Machine Learning

**Data Analytics**

**Machine Learning**

**Cybersecurity**

*Electives and Thesis*



# ECE Department

Since 2013, our ECE department has brought together top-notch professors and ambitious students to gain industry expertise through state-of-the-art labs and engaging courses. Our mission is to enhance students' knowledge and skills, preparing them to tackle real-world challenges with confidence.

We pride ourselves on our many publications and our commitment to research in various fields like VLSI, Embedded Systems, Image Processing, Computer Vision, Microwave Engineering, Robotics, and Coding. The blend of ECE and IT opens up new opportunities for developing analytical thinking and solving complex problems.



# ECE Courses Offered

## **BTech Major Courses**

Digital Design

Electromagnetics

### **Digital Communication**

### **Control Systems**

Principles of Communication

Information Theory and Coding

### **Analog Circuits**

### **VLSI Design**

Digital Signal Processing

Microwave Engineering

### **Semiconductor Devices**

### **Embedded Systems**

Electrical Circuit Analysis

Communication Network

### **Signals and Systems**

### **Analog Integrated Circuits**

*Project, Labs and Internships*

## **MTech (Communication & Signal Processing) Courses**

Linear Algebra, Statistics, & Random Processes

### **Advanced Digital Signal Processing**

Advanced Digital Communication

### **Wireless Communication**

Machine Learning

*Electives, Seminars, Labs and Thesis*

## **MTech (VLSI & Embedded System) Courses**

VLSI Circuits and Systems

### **VLSI CAD and Testing**

Low Power VLSI Design

### **Architectural Design of Digital Integrated Circuits**

Semiconductor Devices Modelling

*Electives, Seminars, Labs and Thesis*



# Collaborations

IIIT Guwahati has established strong partnerships with renowned institutes and organizations worldwide to enhance the learning and research opportunities for our students. Our key collaborations include:

**Network "n+i" - Engineering Institutes, France:** A prestigious network of engineering schools in France, providing opportunities for student exchanges, joint research projects, and advanced training programs.

**CDAC, Mohali:** Collaboration with the Centre for Development of Advanced Computing (CDAC) in Mohali to promote advanced computing research and development, as well as training programs in emerging technologies.

**Software Technology Parks of India (STPI):** Partnership with STPI to foster innovation and entrepreneurship in the IT sector through joint initiatives and support for startups.

**College of Engineering, National Sun Yat-Sen University, Taiwan:** A global collaboration that facilitates student and faculty exchanges, joint research, and academic programs in engineering and technology.

**Electronics & ICT Academy, IIT Guwahati:** This collaboration aims to enhance the skills of students and professionals in electronics and ICT through specialized training programs and workshops.

# Research and Development

*“Healthcare Empowerment through Real-Time Insurance Assessment”*. PI: Dr. Sanjay Moulik

*“Development of a formal framework to enhance IoT software security via formal verification and customization”*. PI: Dr. Angshuman Jana/ Dr. Rakesh Matam (Co-PI)

*“Financial Empowerment in Meghalaya: AI-Powered Multilingual E-Marketplace for Tribes”*. PI: Dr. Kaustuv Nag

*“Empowering North-Eastern Artisans and Farmers: A Block chain powered market place”*. PI: Dr. Phrangboklang Lyngton Thangkhiew Prof. Ferdous Ahmed Barbuiya (Co-PI)

*“Medication Management System”*. PI: Dr. Shovan Barma

*“AI/ML-based Reconfigurable Intelligent Surface Assisted IoT Networks”*. PI: Dr. Sudip Biswas

*“Smart and Secure Spectrum Sharing for 6G Wireless Networks”*. PI: Dr. Sudip Biswas/ Dr. Kaustuv Nag (Co-PI)

*“Scalable, Indigenous and Driver-Friendly Ride-Hailing Application”*. PI: Dr. Rohit Tripathi

*“Covesto : AI based Social Trading Platform for Retail Traders in The Indian Stock Market”*. PI: Prof. Ferdous Ahmed Barbhuiya

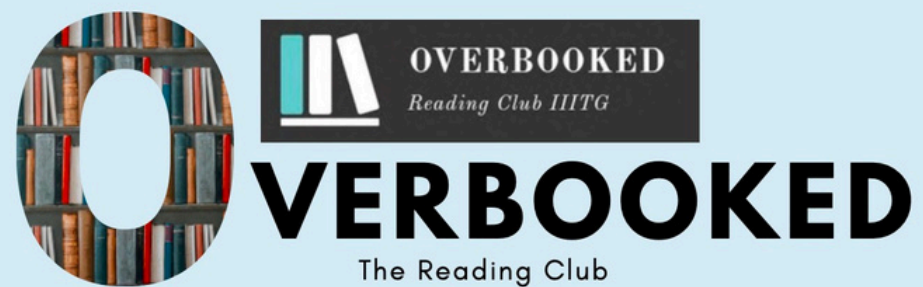
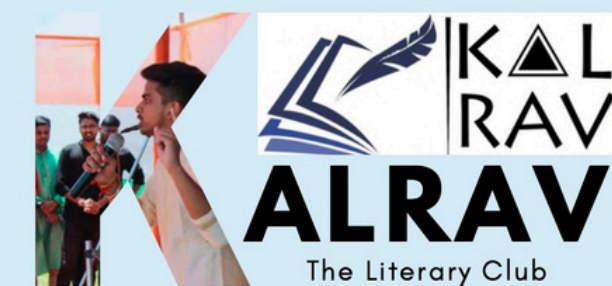
*“Indigenous Medicines of the North Eastern India: From Traditional Knowledge Transfer(T-KT) to the Sustainable Livelihoods Among Schedule Tribes (ST) Communities of Assam and Meghalaya via Fintech”*. PI: Dr. Mansoor Khan

*“Sustainable Smart Parking Solution for Aizwal City”*. PI: Dr. Rakesh Matam

*“LogIT: A Federated Learning and Fog-Computing based framework for IoT Security”*. PI: Prof. Ferdous Ahmed Barbhuiya/ Dr. Rakesh Matam (Co-PI)



# Cultural Clubs



# Technical Clubs

## Programming Club

The Programming Club at IIITG is a vibrant hub of non-stop typing and coding activity. The coders here are exceptional, consistently demonstrating their skills and standing out wherever they go, leaving no room for doubt about their expertise.

## Machine Learning Club

Mavericks, the Machine Learning Club of IIIT Guwahati, is a community of curious learners who have steadily gained a commendable level of knowledge in machine learning. The club provides students with guidance and opportunities to expand their understanding of the field in every possible dimension.



## Robotics Club

The Robotics Club is actively involved in inter-college competitions and has won awards at various levels. They regularly organize sessions with scholars and researchers to foster students' interest and expand their knowledge in the field of robotics.



# Technical Clubs

## GDSC (Google Developer Student Clubs)

The Developer Students' Club - GDSC at the Indian Institute of Information Technology Guwahati (IIITG) is dedicated to building a vibrant community of developers and tech enthusiasts. Through workshops, seminars, hackathons, and collaborative projects, members gain practical experience in various technologies, including web development, mobile app development, cloud computing, and more. The club emphasizes peer-to-peer learning, creativity, and innovation, welcoming students from all disciplines to enhance their technical skills and work on impactful projects. By focusing on solving real-world problems and fostering a culture of continuous learning, the Developer Students' Club - GDSC empowers students to become proficient developers and contribute to technological advancements for the greater good.

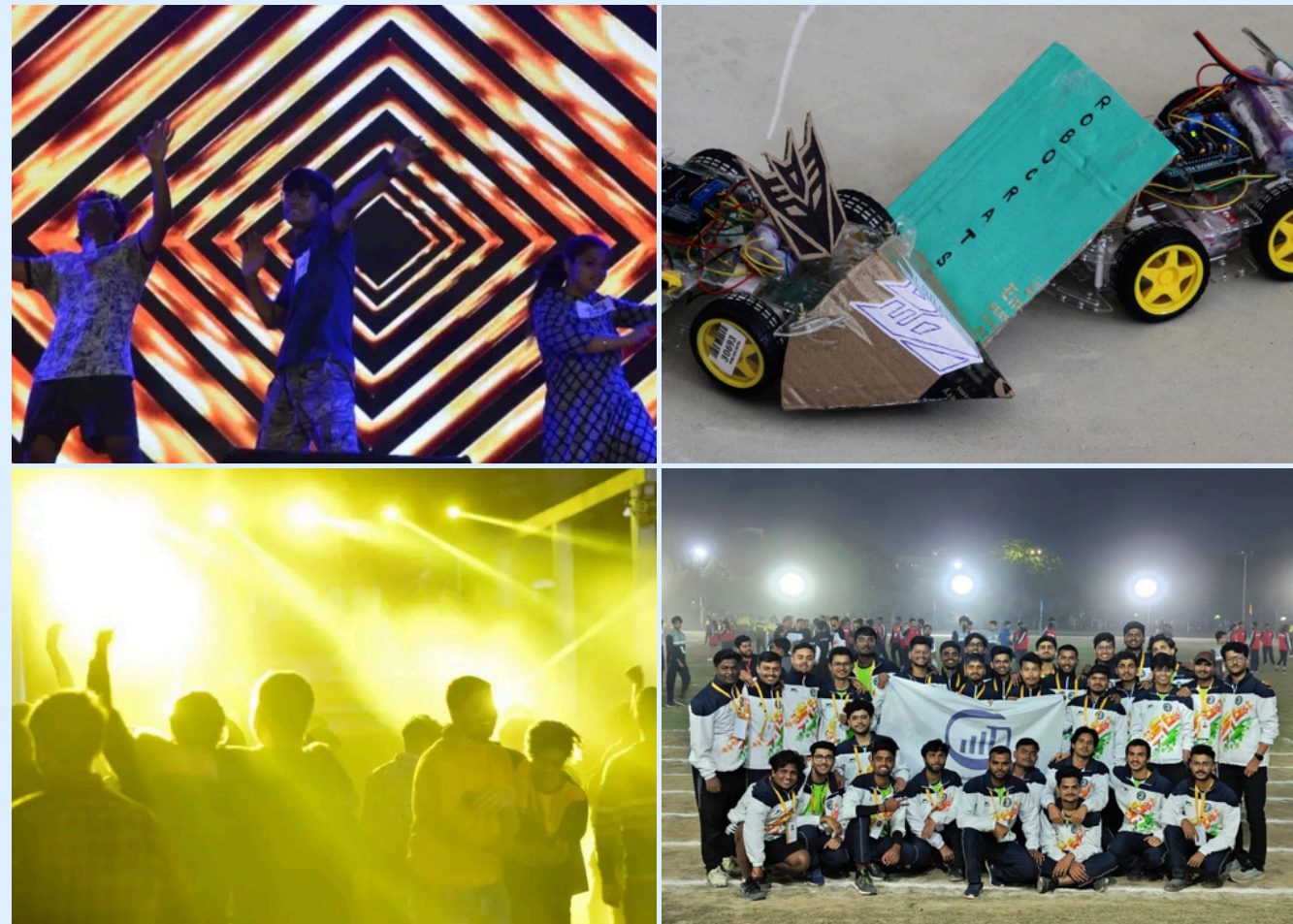




# Student Life

## Yuvaan

IIITG's annual techno-cultural and sports festival, Yuvaan, takes place every February. This event is a cultural showcase celebrating the diverse ethnicities within IIITG. Yuvaan features music, dance, drama, writing, and art, providing a platform for creative expression. It is a joyful occasion that embodies and celebrates the true spirit nurtured at IIITG.



## Sports Fest

IIIT Guwahati's annual sports fest is a vibrant and highly anticipated event that brings together students from various disciplines to showcase their athletic talents. The fest features a wide range of sports, including cricket, football, basketball, volleyball, and athletics, fostering a spirit of healthy competition and teamwork.

## Entropy

Entropy, IIIT Guwahati's annual tech festival, celebrates innovation and creativity. It offers learning, experimentation, and fun through hackathons, exhibitions, and industry leader talks. This unique event connects and inspires young tech enthusiasts to explore endless technological possibilities.

# Achievements

Our students at IIIT Guwahati have excelled in various fields, showcasing their skills through internships, research, and competitions. Here are some notable accomplishments:

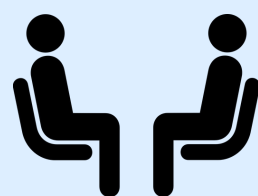
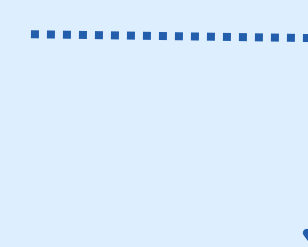
- **PACE Challenge:** Our students have demonstrated exceptional talent and dedication in the prestigious PACE (Parameterized Algorithms and Computational Experiments) Challenge over the years.
  - PACE 2023:
    - Track: Heuristic
    - Members: Talika Gupta, Aman Jain, Sachin Agarwal, Dr. Srinibas Swain
    - World Rank: 4 (General), 2 (Student)
- Two students received research internships at NSYSU, Taiwan, working on 6G wireless communication design in the i-WIC Lab.
- One BTech ECE student from the 2021 batch published a paper on FPGA-optimized multipliers at the IEEE ICAEEE 2024 conference in Bangladesh. The paper was accepted and presented at the conference from April 25-27, 2024.
- Team The Voyagers: Winners of Amazon HackOn 2023, outshining over 37,000 participants.
- Team Void: Secured an impressive 70th rank in the ACM ICPC Chennai Regionals on January 12, 2024, at IIITDM Kancheepuram.
- One student was awarded the prestigious CHANAKYA PG Fellowship Grant for her research on 'Privacy Aware Automated Radiology Report Generation' under Dr. Rusha Patra.

# Placement Procedure

Formal invitation with relevant information is sent to the companies from Placement Cell, IIIT Guwahati to take part in Campus Placement.

Companies confirm their registration and register on the online portal at [www.iiitg.ac.in/placements](http://www.iiitg.ac.in/placements)

Pre-Placement Talk is conducted by the companies for the students



Interview of the shortlisted candidates and submission of the final list of selected students by the company

Online shortlisting procedure of the company as per respective norms

Companies are given access to the resumes and profile details of students who have expressed interest.

The final placement schedule has been finalized by the Placement Cell.



# Why Recruit at IIITG?

## **Superlative Thinking & Coders**

IIITG students actively participate in renowned programming competitions such as ACM-ICPC. They continually hone their skills on platforms like Topcoder, SPOJ, and Codechef, mastering various programming languages.

## **World Class Curriculum**

The institute's academic curriculum is among the best in the country, designed by leading academicians and industry experts to address the rapidly evolving world of technology. IIIT Guwahati boasts a world-class faculty and a meticulously crafted curriculum, ensuring our students receive top-notch education and training.

## **Exceptional Talent**

Students at IIIT Guwahati excel in diverse fields, including dramatics and sports. Admitted through the prestigious JEE Mains, our students are selected for their exceptional knowledge and critical thinking skills.

## **State-of-the-Art Facilities**

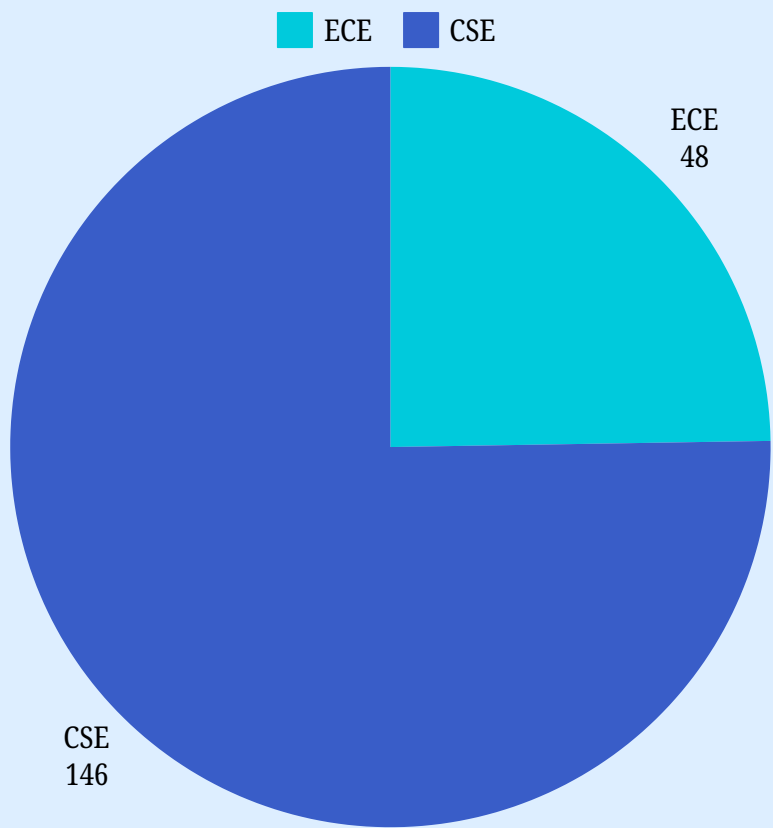
IIIT Guwahati is dedicated to cultivating professional expertise and skilled manpower in Information Technology (IT) and its related fields through state-of-the-art facilities.

# Batch of 2025

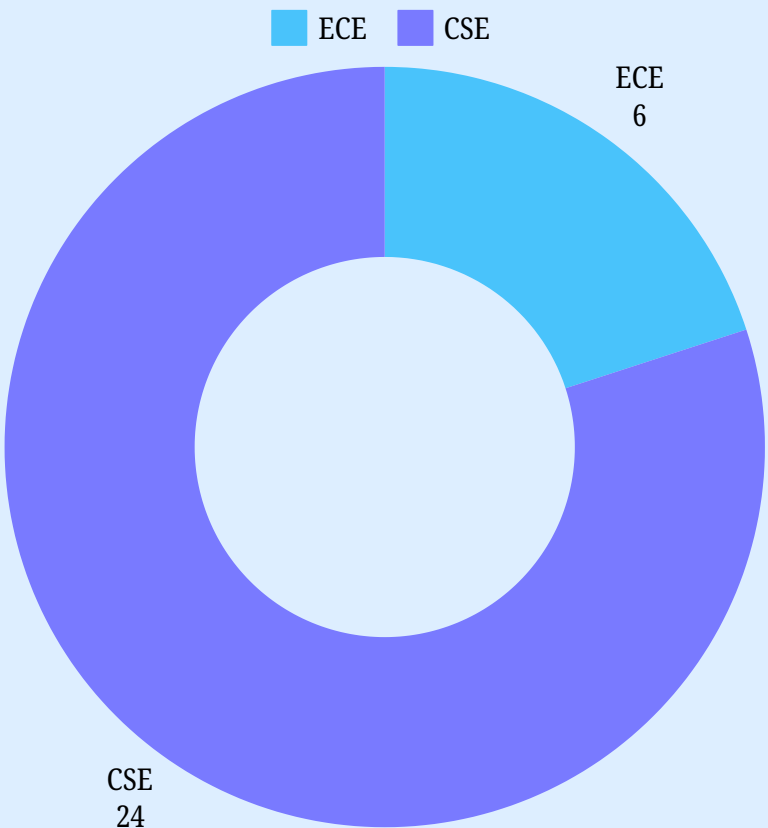
BTech

MTech

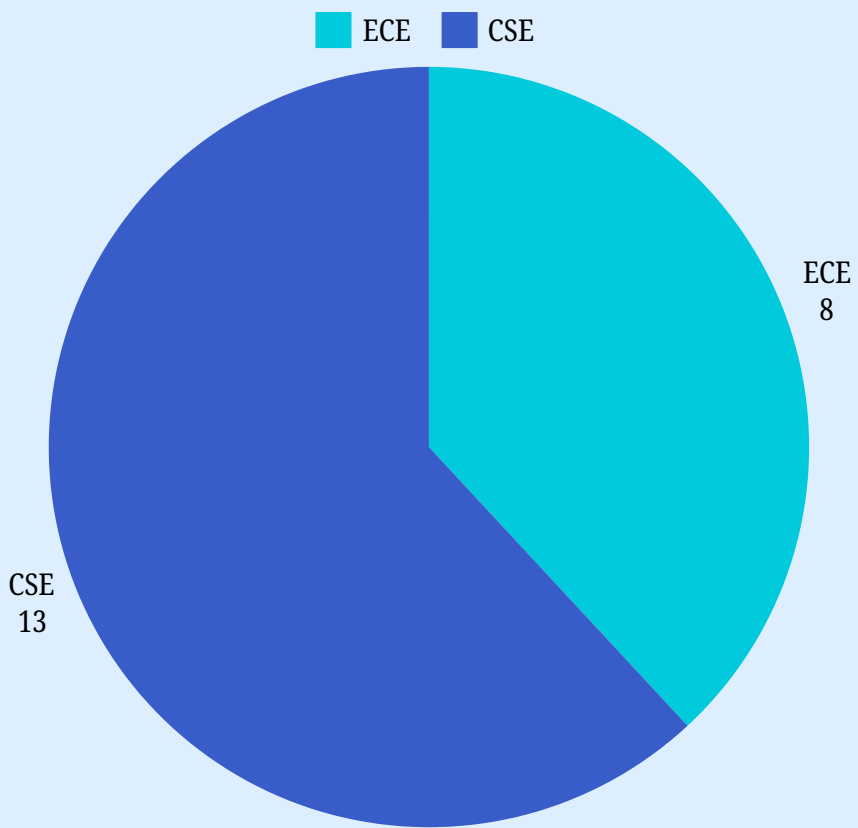
Total Students



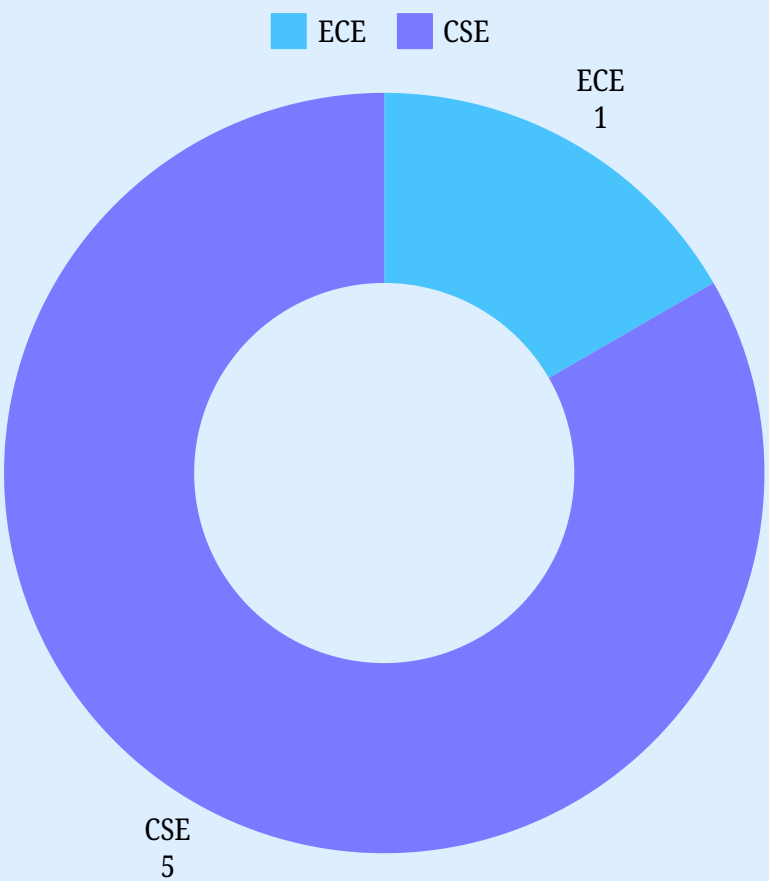
Female Students



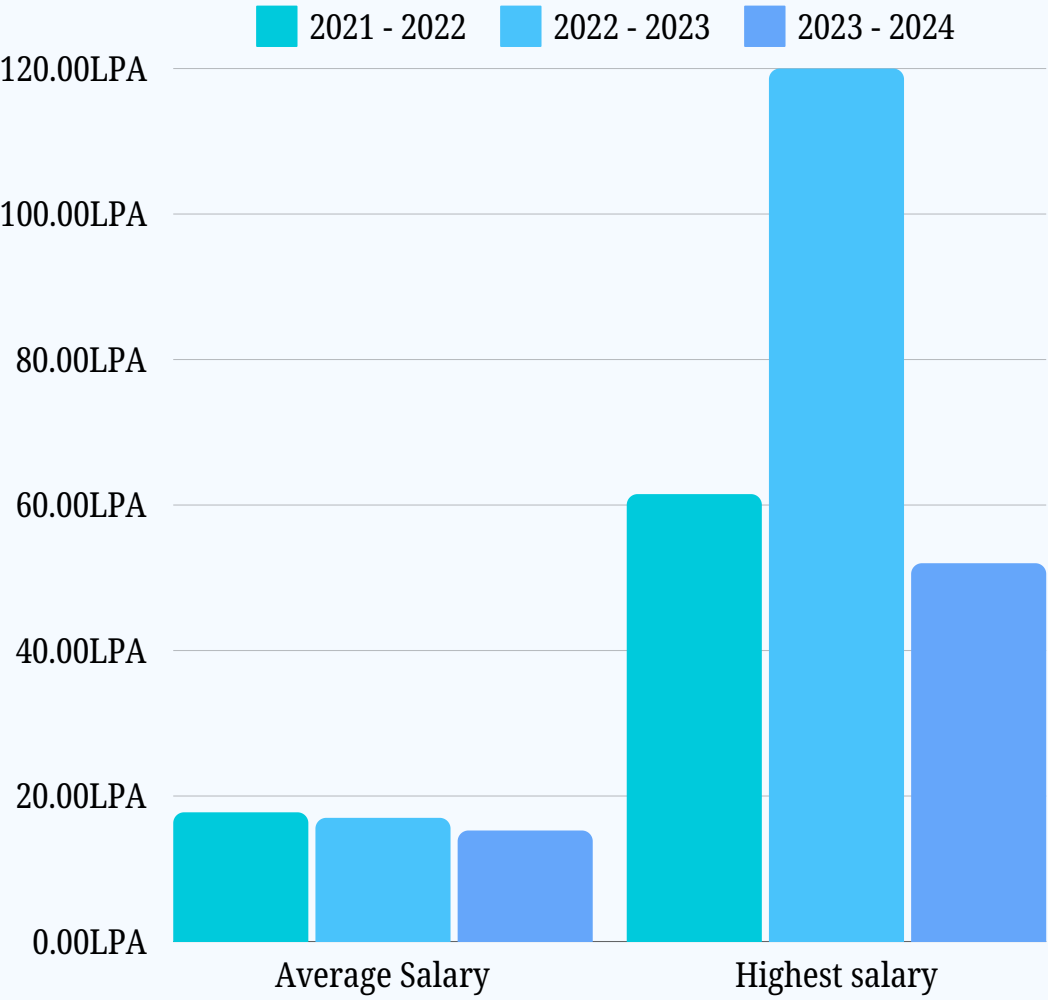
Total Students



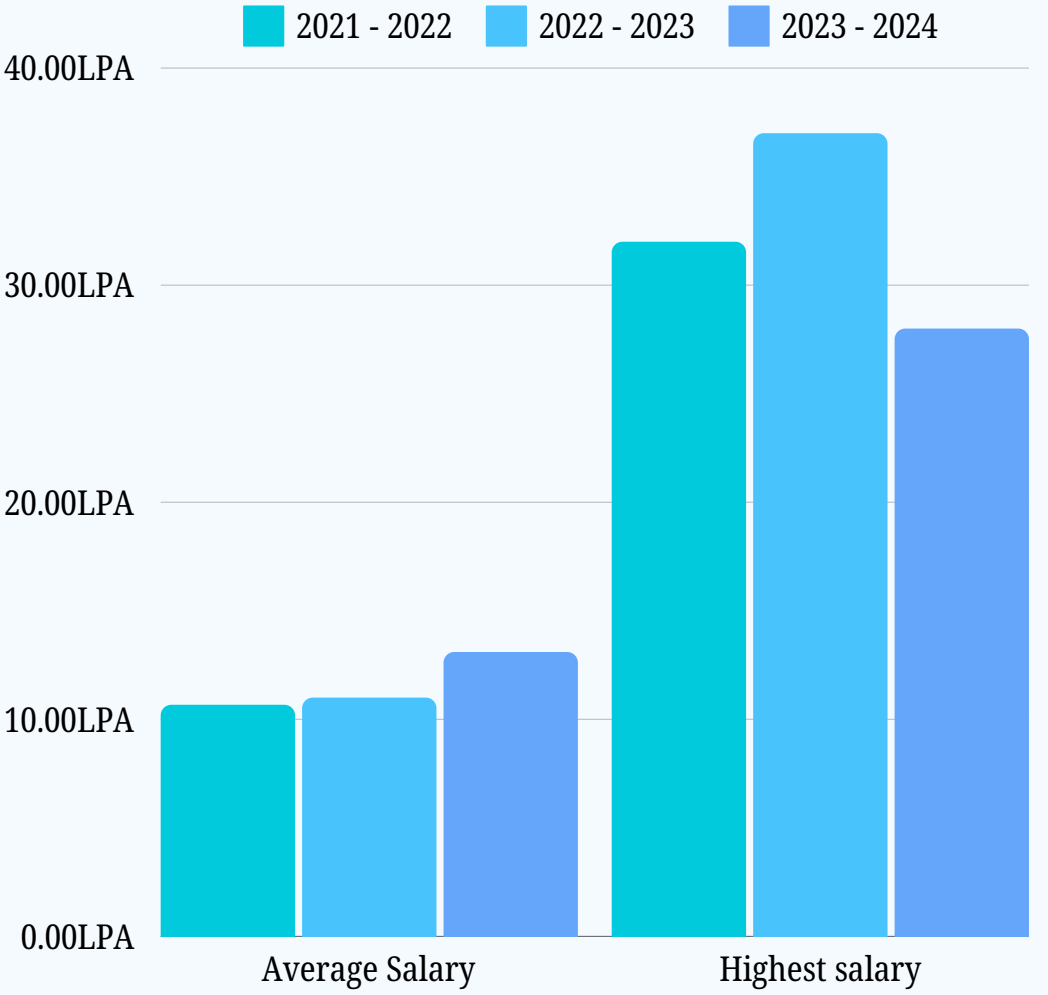
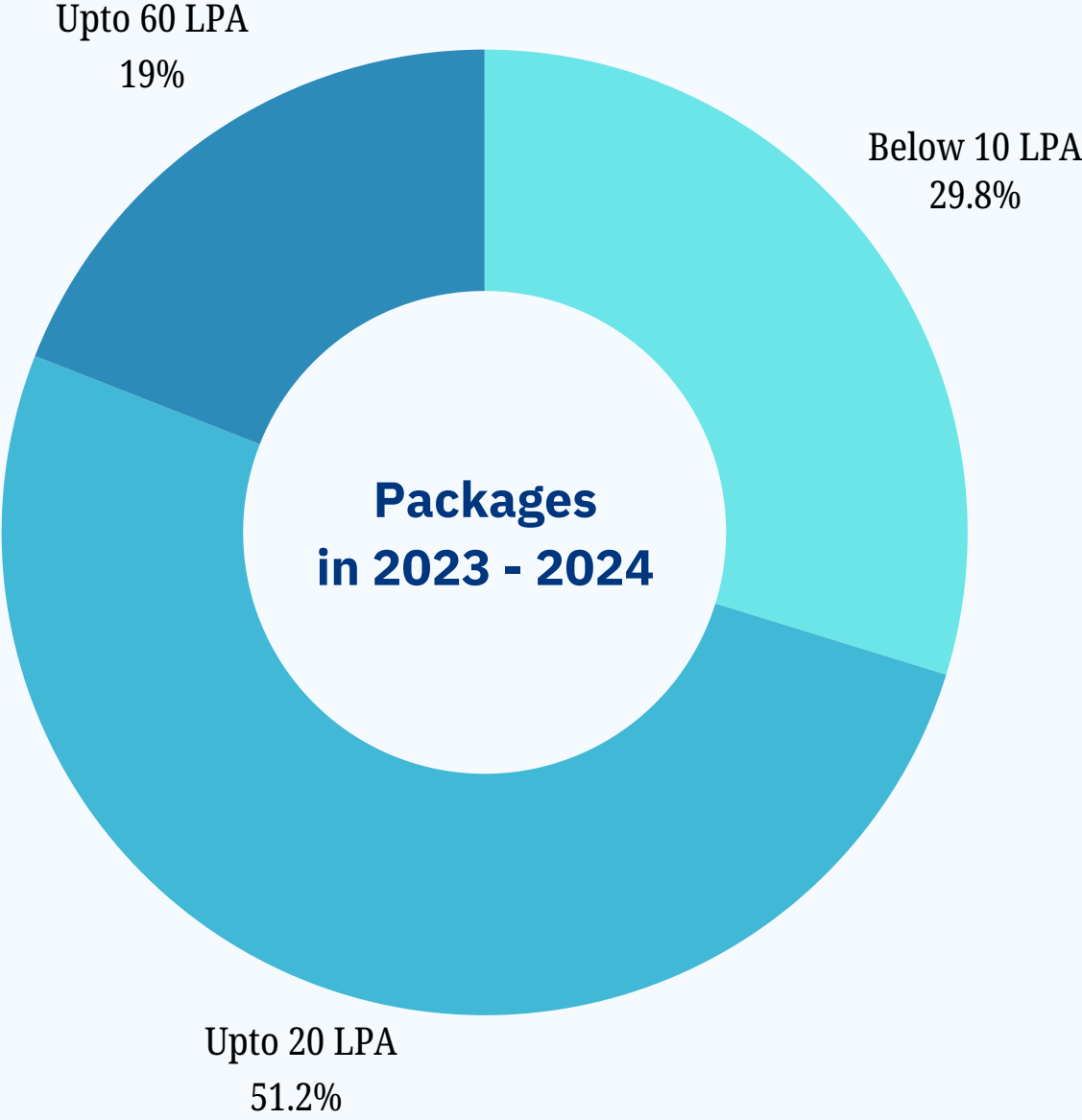
Female Students



# Past Statistics



Computer Science and Engineering



Electronics and Communication Engineering



## Past Recruiters



# Our Team



**Dr. Rakesh Biswas**  
*Placement Incharge*  
*Assistant Professor (ECE)*  
☎ 7908418818



**Dr. Shubha Brata Nath**  
*Associate Placement Incharge*  
*Assistant Professor (CSE)*  
☎ 9051055674

## BTech Placement Coordinators



**Vasu Pandey (CSE)**  
☎ 8576088400



**Swati Gupta (CSE)**  
☎ 7905968050



**Aman Soni (CSE)**  
☎ 6376464100



**Sridhar Tuli (CSE)**  
☎ 9661146011



**Shantanu Tiwari (ECE)**  
☎ 9935768423



**Kuldeep Solanki (ECE)**  
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**Tashyab Raj (ECE)**  
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**Naman Jain (ECE)**  
☎ 9435107262

## MTech Placement Coordinators



**Udit Nath (CSE)**  
☎ 7564884220



**Suryadev Singh (ECE)**  
☎ 9792706363

**For more information mail us at:**  
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[stu.poc@iiitg.ac.in](mailto:stu.poc@iiitg.ac.in)